

Title (en)
FREIGHT RAILWAY WHEEL WITH HIGH BRAKING CAPACITY

Title (de)
GÜTERWAGENRAD MIT HOHER BREMSKAPAZITÄT

Title (fr)
ROUE POUR VÉHICULE FERROVIAIRE DE TRANSPORT DE MARCHANDISES AYANT UNE CAPACITÉ DE FREINAGE ÉLEVÉE

Publication
EP 2046585 B1 20120829 (EN)

Application
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• IT BS20060172 A 20060804

Abstract (en)
[origin: WO2008015712A1] The invention concerns a railway wheel with a mid-plane (S) perpendicular to the rotation axis, and a web (5) which extends along a central curvilinear line (AB) between a junction point (A) to the rim and a junction point (B) to the hub of the wheel. The web has an intermediate point (C) and two inflection points (D, E) between the intermediate point (C) and, respectively, the junction points (A and B). The two junction points (A e B) are located from the same part of the mid-plane (S) of the wheel, the intermediate point (C) of the web has a tangent to the central line (AB) that is parallel to the mid-plane (S) and is on the opposite side of said median plane (S), and the angle between the tangents to the central line (AB) of the web in the inflection points (D - E) is between 90 and 120 degrees.

IPC 8 full level
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B60B 17/0006 (2013.01); **B60B 17/0068** (2013.01)

Cited by
DE102022134548A1; WO2024132718A1; DE202023106870U1

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